

NICE(II)

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NAME

`nice` -- set program priority

SYNOPSIS

(`nice` = 34.)
(priority in `r0`)
`sys nice`
`nice(priority)`

DESCRIPTION

The scheduling *priority* of the process is changed to the argument. Positive priorities get less service than normal; 0 is default. Only the super-user may specify a negative priority. The valid range of *priority* is 20 to -220. The value of 4 is recommended to users who wish to execute long-running programs without flak from the administration.

The effect of this call is passed to a child process by the *fork* system call. The effect can be cancelled by another call to *nice* with a *priority* of 0.

The actual running priority of a process is the *priority* argument plus a number that ranges from 100 to 106 depending on the cpu usage of the process.

SEE ALSO

`nice` (I), `ps`(I)

DIAGNOSTICS

The error bit (c-bit) is set if the user requests a *priority* outside the range of 0 to 20 and is not the super-user.